

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. **(currently amended)** A method of controlling an icon appearance of a display system having a display screen, the method comprising:

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

~~changing the at least one sample icon's appearance according to~~ receiving user inputs for a new icon appearance of the sample icon being received from a user according to display options provided by the icon control window;

backing up current display property parameter values, which are associated with a to a current icon appearance shared by a plurality of icons of the display system, said backing up comprising and which are currently set for an original icon appearance, by generating a first registry subkey in a memory of the display system and storing the current display property parameter values in a corresponding registry if the current display property parameter values are determined to be valid; ~~and storing the display property parameter values in a corresponding registry; and~~

changing the icon appearance of the sample icon to the new icon appearance corresponding to the received user inputs; and

changing the icon appearance of the plurality of ~~icons in~~ icons currently displayed on the display system to the new icon appearance in accordance to the user inputs changed sample icon when display property parameter values corresponding to the new icon appearance are within a predetermined range of values supported by the display system. ~~by changing the corresponding display property parameter values;~~

~~wherein backing up the display property parameter values properties occurs automatically in response to the user inputs for the new icon appearance being received from the user according~~

~~to the display options provided by the icon control window, and is performed immediately prior to changing the at least one sample icon's appearance.~~

2. (previously presented) The method of claim 1, wherein the received user inputs include one or more changes to at least one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size, and an icon font type.

3. (original) The method of claim 1, wherein the icon control window comprises:  
an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the sample icon being resized when the desired icon size is selected through the icon size controller; and

an execution controller interfacing with the display system in order to change an icon size of the display system according to the selected icon size.

4. (original) The method of claim 3, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

5. (original) The method of claim 4, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

6. (original) The method of claim 3, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

7. (original) The method of claim 6, wherein the plurality of selectable buttons include toggle buttons.

8. (previously presented) The method of claim 1, wherein the icon control window comprises:

a plurality of manual input controllers manually receiving the inputs from the user;  
a preview region including the at least one sample icon, the sample icon's appearance being changed according to the manually received inputs; and  
an execution controller interfacing with the display system for changing the display property parameter values in accordance with the received user inputs.

9. (previously presented) The method of claim 8, wherein the user inputs include one or more changes to at least one of an icon size, a vertical icon spacing, a horizontal spacing, an icon font size, and an icon font type.

10. **(currently amended)** The method of claim 1, wherein the current display property parameter values are determined to be valid based on a display property parameter value table of the display system.

11. **(currently amended)** The method of claim 1, wherein the displaying an icon control window comprises:  
determining whether the current display property parameter values are valid based on a display property value table of the display system; and  
displaying the icon control window on the display screen if the current display property parameter values are determined to be valid.

12. (previously presented) The method of claim 1, wherein the changing the at least one sample icon's appearance comprises:  
determining whether the user inputs for the new icon appearance are received according to the display options provided by the icon control window; and  
changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the at least one sample icon according to the new icon appearance if the user inputs are received according to the display options provided by the icon control window.

13. (previously presented) The method of claim 1, wherein the changing the icon appearance of the plurality of icons in the display system comprises:

determining whether the display property parameter values corresponding to the user inputs for the new icon appearance are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon appearance if the display property parameter values corresponding to the user inputs are supported by the display system.

14. **(currently amended)** A display system, comprising:

a memory storing current display property parameter values, which are ~~associated with~~ shared by a plurality of icons of the display system ~~and which are currently set for an original having a current~~ icon appearance;

a display unit having a display screen; and

a display controller coupled to the memory and the display unit for:

displaying an icon control window on the display screen, the control window including at least one sample icon for a user's preview;

receiving user inputs for a new icon appearance from a user according to display options provided by the icon control window;

~~changing the at least one sample icon's appearance displayed in the icon control window according to the user inputs;~~

backing up the current display property parameter values ~~associated with~~ shared by the plurality of icons of the display system, said backing up comprising [[by]] generating a first registry subkey in the memory and storing the current display property parameter values in a corresponding registry if the current display property parameter values are determined to be valid; ~~and storing the display property parameter values in a corresponding registry; and~~

changing the at least one sample icon's appearance displayed in the icon control window according to the new icon appearance; and

changing [[an]] the current icon appearance of the plurality of icons currently displayed on [[in]] the display system to the new icon appearance in

accordance to the changed sample icon when display property parameter values corresponding to the new icon appearance are within a predetermined range of values supported by the display system. ~~user inputs by updating the corresponding display property parameter values;~~

~~wherein backing up the display property parameter values occurs automatically in response to the user inputs for the new icon appearance being received from the user according to the display options provided by the icon control window, and is performed immediately prior to changing the at least one sample icon's appearance.~~

15. (previously presented) The display system of claim 14, wherein the user inputs include one or more changes to at least one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size, and an icon font type.

16. (previously presented) The display system of claim 14, the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the display controller resizing the sample icon according to the selected icon size; and

an execution controller interfacing with the display controller for controlling the display controller to change an icon size of the display system according to the selected icon size.

17. (original) The display system of claim 16, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

18. (original) The display system of claim 17, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

19. (original) The display system of claim 16, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

20. (original) The display system of claim 19, wherein the plurality of selectable buttons include toggle buttons.

21. (previously presented) The display system of claim 14, wherein the icon control window comprises:

a plurality of manual input controllers for manually receiving the user inputs ;

a preview region including the at least one sample icon, the display controller controlling the changing of the sample icon's appearance according to the manually received user inputs; and

an execution controller interfacing with the display controller for controlling the display controller to update the display property parameter values in accordance with the received user inputs.

22. (previously presented) The display system of claim 21, wherein the manually received user inputs comprise one or more changes to at least one of an icon size, a vertical icon spacing, a horizontal spacing, an icon font size, and an icon font type.

23. **(currently amended)** A computer software product, comprising:

a computer-readable medium storing program code for controlling an icon appearance of a display system having a display screen, the program code, when executed by a display controller, causing the display controller to perform:

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

~~changing-receiving user inputs to change~~ the at least one sample icon's appearance according to ~~user inputs for a new icon appearance being received from a user~~ according to display options provided by the icon control window;

backing up current display property parameter values, which are associated with a current icon appearance shared by a plurality of icons of the display system, said backing up comprising

~~and which are currently set for an original icon appearance, by generating a first registry subkey in a memory of the display system and storing the current display property parameter values in a corresponding registry if the current display property parameter values are determined to be valid; and storing the display property parameter values in a corresponding registry;~~

changing the at least one sample icon's appearance to the new icon appearance;

changing the icon appearance of the plurality of icons in the display system to the new icon appearance in accordance to the user inputs by changing the corresponding display property parameter values; [[,]] and

displaying all of the plurality of icons in the new icon appearance when the display property parameter values corresponding to the new icon appearance are within a predetermined range of values supported by the display system. [[,]]

~~wherein backing up the display property parameter values occurs automatically in response to the user inputs for the new icon appearance being received from the user according to display options provided by the icon control window, and is performed immediately prior to changing the at least one sample icon's appearance.~~

24-36. (canceled)

37. (previously presented) The computer software product of claim 23, wherein the display property parameter values corresponding to the new icon appearance include at least one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size and an icon font size.

38. (previously presented) The computer software product of claim 37, wherein the change in the sample icon's appearance is performed with respect to the backed-up display property parameter values.

39. (previously presented) The method of claim 1, further comprising, prior to the changing the icon appearance of the plurality of icons in the display system:

temporarily storing the display property parameter values of the display system, which correspond to a current icon appearance, in a memory location different from where the display

property parameter values of the display system, which correspond to the original icon appearance, are backed-up.

40. (previously presented) The method of claim 39, further comprising  
in response to a first user command, restoring the changed display property parameter values to the temporarily stored display property parameter values; and  
in response to a second user command different from the first user command, restoring the changed display property parameter values to the backed-up display property parameter values.

41. (previously presented) The method of claim 1, further comprising, prior to the changing the icon appearance of the plurality of icons in the display system:  
temporarily storing the display property parameter values of the display system which correspond to a current icon appearance;  
in response to a first user command, restoring the changed display property parameter values to the temporarily stored display property parameter values; and  
in response to a second user command different from the first user command, restoring the changed display property parameter values to the backed-up display property parameter values.

42. **(currently amended)** The method of claim 1, further comprising:  
if the current display property parameter values are determined to be invalid, changing the invalid display property parameter values to valid display property parameter values before said generating the first registry subkey.

43. **(currently amended)** A method of controlling an icon size of a display system having a display screen, the method comprising:  
displaying an icon control window on the display screen, the icon control window including a plurality of sample icons having different sizes for a user's selection ;  
selecting one sample icon among the sample icons of the icon control window according to user inputs for a new icon size;



changing the icon size of a plurality of icons in the display system to the new icon size by changing corresponding display property parameter values in accordance with the size of the sample icon selected by the user inputs; and

displaying all of the plurality of icons in the new icon size when the corresponding display property parameter values of the new icon size are within a predetermined range of values supported by the display system.

44. (previously presented) The method of claim 43, wherein exactly one of the sample icons of the icon control window has a size identical to the current icon size of the plurality of icons of the display system.

45. (previously presented) The method of claim 43, wherein the icon control window comprises:

a preview region including a preview icon, the preview icon of said preview region being resized to the icon size associated with the selected sample icon ; and

an execution controller interfacing with the display system in order to change the icon size of the plurality of icons of the display system according to the selected icon size.

46. (previously presented) The method of claim 45, wherein the icon control window further comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

47. (previously presented) The method of claim 46, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

48. (previously presented) The method of claim 45, wherein the icon control window further comprises a plurality of selectable buttons representing a plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

49. (previously presented) The method of claim 48, wherein the plurality of selectable buttons include toggle buttons.

50. (previously presented) The method of claim 43, wherein the display property parameter values are determined to be valid based on a display property parameter value table of the display system.

51. (previously presented) The method of claim 43, wherein the displaying the icon control window comprises:

determining whether the display property parameter values are valid based on a display property parameter value table of the display system; and

displaying the icon control window on the display screen if the display property parameter values are determined to be valid.

52. (previously presented) The method of claim 43, wherein the changing the icon size of the plurality of icons of the display system comprises:

determining whether the user inputs for the new icon size are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon size if the user inputs are supported by the display system.

53. (previously presented) The method of claim 1, wherein the change in the sample icon's appearance is performed without changing the icon appearance of the plurality of icons in the display system.

54. (previously presented) The method of claim 53, wherein the icon control window comprises:

an icon appearance controller that receives the user inputs for the new icon appearance;

a preview region that includes the at least one sample icon, the appearance of the sample icon being automatically changed in response to the user inputs received through the icon appearance controller; and

an execution controller that interfaces with the display system and receives the user inputs to change the icon appearance of the plurality of icons in the display system;

wherein the icon appearance of the plurality of icons in the display system is changed only in response to the user inputs received through the execution controller and not in response to the user inputs received through the icon appearance controller.